CLAIM AMENDMENTS

Claim Amendment Summary

Claims pending

- At time of the Action: Claims 1-40.

- After this Response: Claims 1-40.

Canceled or Withdrawn claims: none.

Amended claims: 13-18, and 31.

New claims: none.

Claims:

1.   (Original) A method for controlling access to storage loci in a common configuration data structure, the method comprising:

receiving an attempt to access a first storage locus in the common configuration data structure from a program module;

determining whether to direct such attempt to at least a second locus in the common configuration data structure with the program module unaware that it is accessing the second locus.

2.   (Original) A method as recited in claim 1 further comprising directing such attempt to at least the second locus, the program module being unaware that it is accessing the second locus.
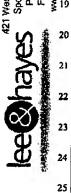
3. (Original) A method as recited in claim 1 further comprising determining whether to direct such attempt to at least a third locus in the common configuration data structure with the program module is unaware that it is accessing the third locus.

4. (Original) A method as recited in claim 1 further comprising examining a loci-redirection table, wherein the determining is based, at least in part, upon information in the table.

5. (Original) A method as recited in claim 1, wherein the program module is an application.

6. (Original) A method as recited in claim 1, wherein:

the first storage locus is reserved for configuration information ("config-info") for a first version of a program module;

the second storage locus is reserved for config-info for a second version of the program module.

7. (Original) A method as recited in claim 1, wherein the common configuration data structure is a registry.

8. (Original) A computer-readable medium having computer-executable instructions that, when executed by a computer, performs the method as recited in claim 1.
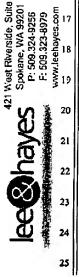
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9.   **(Original)** A method for controlling access to storage loci in a common configuration data structure, the method comprising:

receiving an attempt to access a first storage locus in the common configuration data structure from a program module;

directing such attempt to at least a second locus in the common configuration data structure, the program module being unaware that it is accessing the second locus.

10.   **(Original)** A method as recited in claim 9 further comprising directing such attempt to at least a third locus in the common configuration data structure, the program module being unaware that it is accessing the third locus.

11.   **(Original)** A computer-readable medium having computer-executable instructions that, when executed by a computer, performs the method as recited in claim 9.

12.   **(Original)** A method for directing an access to a storage locus in a common configuration data structure, the method comprising:

intercepting an attempt by a program module to access configuration information ("config-info") of the program module at a first storage locus in the common configuration data structure;

determining whether to redirect such attempt to at least a second locus in the common configuration data structure with the program module unaware that it is accessing its config-info at the second locus.

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13.   **(Currently Amended)** A method as recited in claim ~~11~~ 12, further comprising redirecting such attempt to at least the second locus, the program module being unaware that it is accessing its config-info at the second locus.

14.   **(Currently Amended)** A method as recited in claim ~~11~~ 12, further comprising examining a loci-redirection table, wherein the determining is based, at least in part, upon information in the table.

15.   **(Currently Amended)** A method as recited in claim ~~11~~ 12, wherein the program module is an application.

16.   **(Currently Amended)** A method as recited in claim ~~11~~ 12, wherein:

the first storage locus is reserved for configuration information ("config-info") for a first version of a program module;

the second storage locus is reserved for config-info for a second version of the program module.

17.   **(Currently Amended)** A method as recited in claim ~~11~~ 12, wherein the common configuration data structure is a registry.

18.   **(Currently Amended)** A computer-readable medium having computer-executable instructions that, when executed by a computer, performs the method as recited in claim ~~11~~ 12.

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19. **(Original)** A method for directing an access to a storage locus in a common configuration data structure, the method comprising:

intercepting an attempt by a program module to access configuration information ("config-info") of the program module at a first storage locus in the common configuration data structure;

redirecting such attempt to at least a second locus in the common configuration data structure, the program module being unaware that it is accessing its config-info at the second locus.

20. **(Original)** A method as recited in claim 19 further comprising redirecting such attempt to at least a third locus in the common configuration data structure, the program module being unaware that it is accessing the third locus.

21. **(Original)** A method for replicating data in storage loci of a common configuration data structure of multiple storage loci, the method comprising:

searching multiple storage loci of the common configuration data structure for modified data;

finding modified data in a first storage locus;

copying selected modified data from the first storage locus to at least a second storage locus.

22. **(Original)** A method as recited in claim 21 further comprising copying selected modified data from the first storage locus to at least a third storage locus.

23. (Original) A method as recited in claim 21, wherein only storage loci listed in a loci-redirection table are searched during the searching.

24. (Original) A method comprising:

obtaining a triggering event that signals that a method as recited in claim 21 be initiated;

initiating such method as recited in claim 21.

25. (Original) A method as recited in claim 24 further comprising sending a triggering event when data in the common configuration data structure is altered.

26. (Original) A method as recited in claim 21, wherein:

the first storage locus is reserved for configuration information ("config-info") for a first version of a program module;

the second storage locus is reserved for config-info for a second version of the program module.

27. (Original) A method as recited in claim 21, wherein the common configuration data structure is a registry.

28. (Original) A computer-readable medium having computer-executable instructions that, when executed by a computer, performs the method as recited in claim 21.

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29.   (Original) A method of access redirection and entry reflection, the method comprising:

controlling access to storage loci in a common configuration data structure of multiple storage loci, the controlling comprising:

- receiving an attempt to access a first storage locus in the common configuration data structure from a program module;
- directing such attempt to at least a second locus in the common configuration data structure, the program module being unaware that it is accessing the second locus;

replicating modified data in storage loci, the replicating comprising:

- searching multiple storage loci for modified data;
- finding modified data in at least one storage locus;
- copying selected modified data from the storage locus to at least another storage locus.

30.   (Original) A computer-readable medium having computer-executable instructions that, when executed by a computer, perform a method for replicating data in storage loci of a common configuration data structure of multiple storage loci, the method comprising:

searching multiple storage loci of the common configuration data structure for modified data;

finding modified data in a first storage locus;

copying selected data from the first storage locus to at least a second storage locus.

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31. **(Currently Amended)** An apparatus comprising:

a processor;

an access-redirector executable on the processor to:

receive an attempt to access a first storage locus in a common configuration data structure from a program module;

redirect such attempt to at least a second locus in the common configuration data structure, the program module being unaware that it is accessing the second locus.

32. **(Original)** An apparatus comprising:

a processor;

a entry-reflector executable on the processor to:

search multiple storage loci of a common configuration data structure for modified data;

find modified data in a first storage locus;

copy selected data from the first storage locus to at least a second storage locus.

33. **(Original)** An operating system comprising:

a common configuration data structure containing storage loci for storing configuration information ("config-info");

a loci-access redirector comprising:

receiver for receiving an attempt to access a first storage locus in the common configuration data structure from a program module;

director for directing such attempt to at least a second locus in the common configuration data structure, the program module being unaware that it is accessing the second locus.

34. (Original) An operating system as recited in claim 33, wherein the program module is an application.

35. (Original) An operating system as recited in claim 33, wherein:

the first storage locus is reserved for config-info for a first version of a program module;

the second storage locus is reserved for config-info for a second version of the program module.

36. (Original) An operating system as recited in claim 33, wherein the common configuration data structure is a registry.

37. (Original) An operating system comprising:

a common configuration data structure containing storage loci for storing configuration information ("config-info");

a loci-entry reflector comprising:

searcher for searching multiple storage loci of the common configuration data structure for modified data and for finding modified data in a first storage locus;

replicator for copying selected data from the first storage locus to at least a second storage locus.

38.   (Original) An operating system as recited in claim 37, wherein:

the first storage locus is reserved for config-info for a first version of a program module;

the second storage locus is reserved for config-info for a second version of the program module.

39.   (Original) A computer-readable medium having a common configuration data structure data structure, comprising:

a first storage locus containing configuration information ("config-info") for a first version of a program module;

a second storage locus containing config-info for a second version of the program module.

40.   (Original) A computer-readable medium as recited in claim 39 further comprising a third storage locus containing a table that relates the first storage locus to the second storage locus.

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